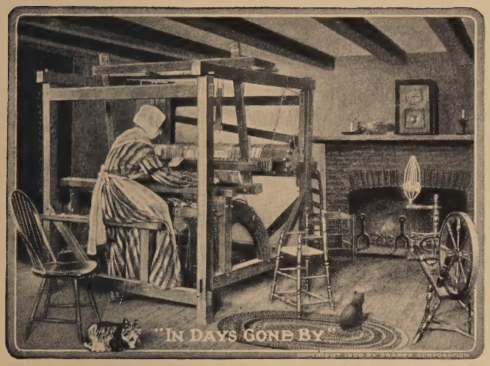
COTTON CHATS

DRAPER CORPORATION
HOPEDALE, MASSACHUSETTS



COTTON CHATS

TRADE-MARK REG. U.S. PAT. OFF. AND IN CANADA

DRAPER CORPORATION

HOPEDALE MASS.

No. 233. MARCH 1922

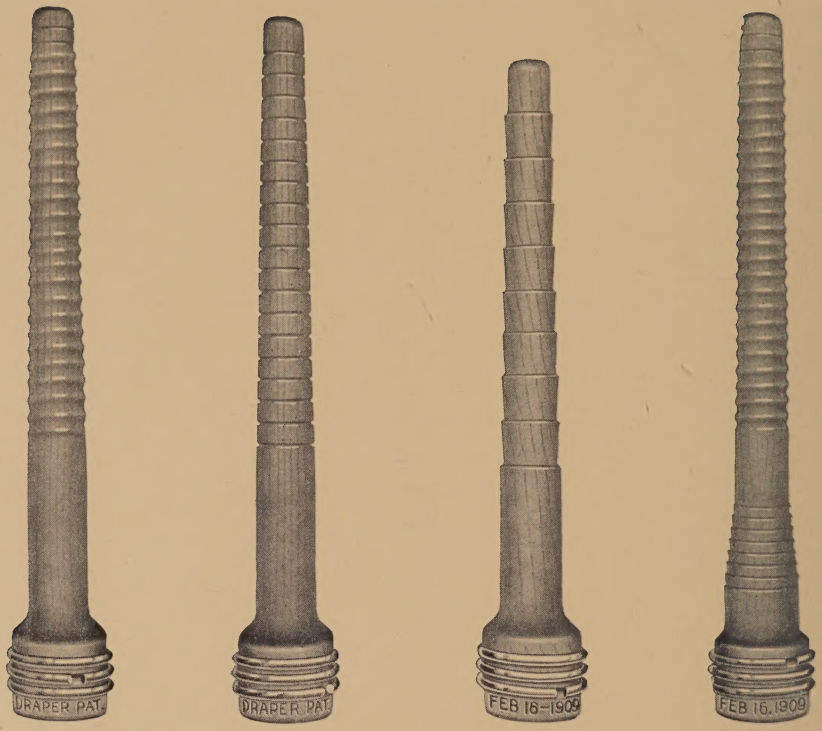
WE AGAIN CALL THE ATTENTION OF USERS OF NORTHROP LOOMS

to the advantages of Hastings' Patent Metal Bushed Bobbins.

The important feature of construction is the insertion of metal bushings in the bases of the bobbins, opposite the rings on the exterior. These bushings co-operate with the rings to hold the wood in place when subject to extremes of heat or moisture, thus securing much greater durability.

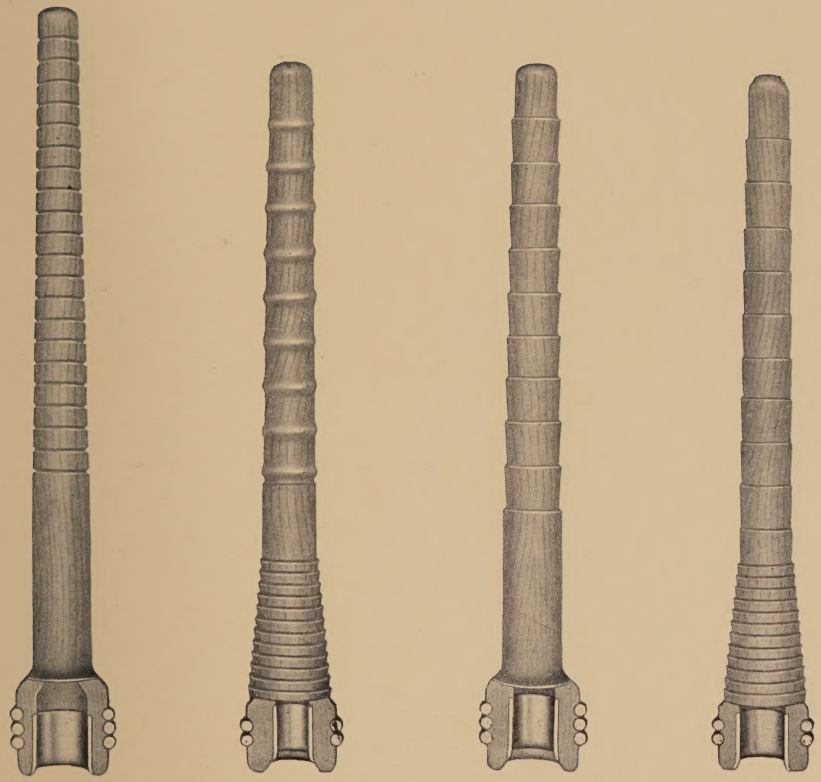
Our illustrations show bobbins made for the Rabbeth Centrifugal Clutch Spindle, for the Draper No. 2 spindle with solid whorl and for the Whitin Gravity Spindle. Where the centrifugal clutch spindle is used the bobbins stand at absolutely uniform height on the spinning frame, as the bottom of bobbin rests on the top of whorl.

With solid whorl spindles the height of bobbins on the frame is practically uniform, subject to the slight variations in shape of spindle whorls.



We are prepared to furnish either feeler or cone bobbins for Northrop Looms with any desired form of outside shape, and to fit centrifugal clutch or other standard pattern of spindle.

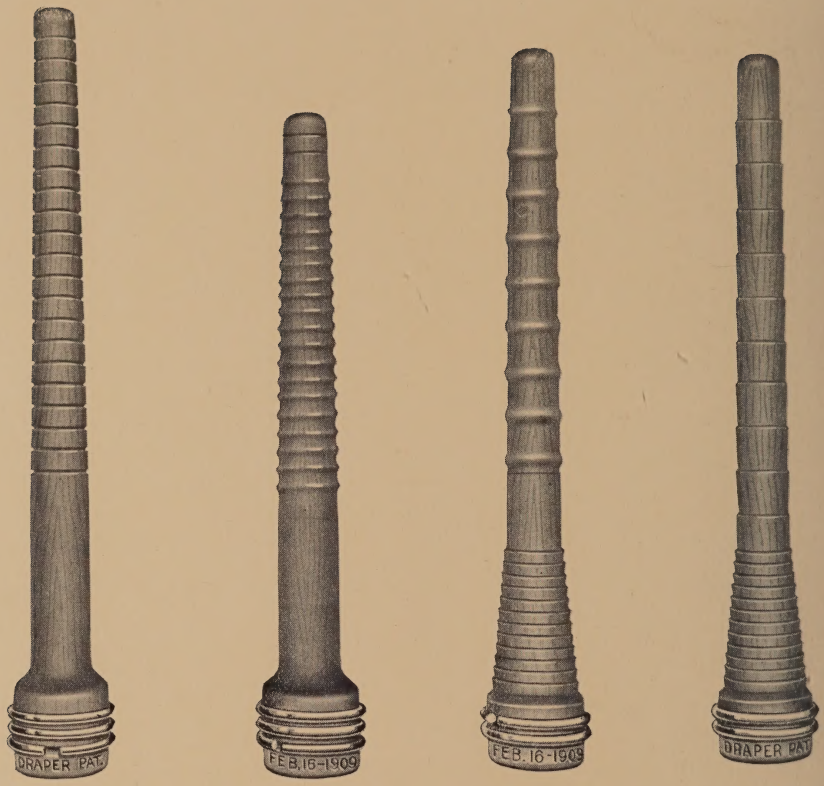
In ordering bobbins for solid whorl spindles, as the whorls vary slightly in size, the bobbins should be fitted to samples having the smallest size of whorl. In this case the only disadvantage is that they stand a little higher on the larger whorls; whereas if bobbins are fitted to the largest whorls they may ride loosely on the smaller whorls and thus make slack yarn.

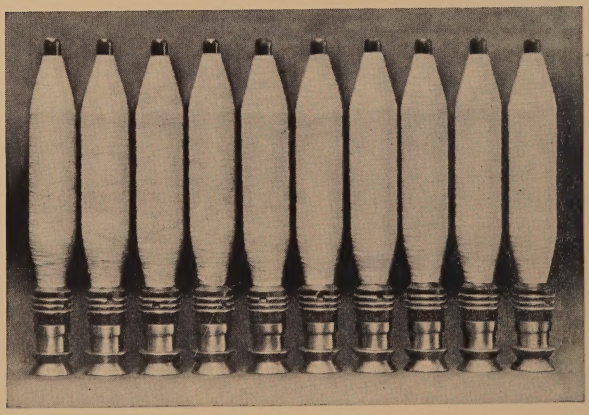


Customers ordering bobbins for solid whorl spindles are requested to send a sample spindle with a file mark on whorl to locate bottom of bobbin.

Mills having large numbers of Northrop looms, after several years' trial of the Hastings' bobbins report a great saving in annual expense notwithstanding the increased price per thousand due to the added cost of the metal bushings.

With increased machinery and improved processes we are in position to fill orders promptly and with the best quality of bobbins.





Hastings' Patent Bobbins
on
Rabbeth Centrifugal Clutch Spindles